

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,856,597 B1  
APPLICATION NO. : 09/780775  
DATED : February 15, 2005  
INVENTOR(S) : Bob Scott

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Drawing FIGS. 2, 3, and 8, the Signal Front End System reference numeral "32" should read --28--.

In Drawing FIG 2, the Power Budgeter Unit reference numeral "62" should read --61--.

In Drawing FIG. 7, the reference numeral "128" should read --218--.

In Drawing FIG 8, the Transceiver reference numeral "222" should read --252-- and the Memory reference numeral "226" should read --256--.

In column 2, line 29: the text "central office (CO) 22 coupled" should read --central office (CO) 22 is coupled--.

In column 6, line 62 and column 7, lines 7, 12, 19, 54, 57: the reference numeral "62" should read --61--.

In column 7, line 12: the text "multiple transceiver unit 62" should read --multiple transceiver unit 64--.

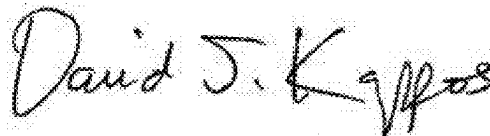
In column 8, lines 1, 6, 9: the reference numeral "60" should read --90--.

In column 8, line 3 and column 18, lines 41, 50, 53, 54-55: the text "PB processor 90" should read --PB processor 92--.

In column 8, line 22: the text "front end system 32" should read --front end system 28--.

In column 8, line 66; column 9, lines 1-3, 23, 25-26; column 18, lines 24, 32-33, 36; and column 19, line 63: the text "multiple transceiver unit 66" should read --multiple transceiver unit 62--.

Signed and Sealed this  
Thirtieth Day of August, 2011

A handwritten signature in black ink, reading "David J. Kappos". The signature is written in a cursive, flowing style with a large initial "D".

David J. Kappos  
*Director of the United States Patent and Trademark Office*

**CERTIFICATE OF CORRECTION (continued)**

Page 2 of 2

**U.S. Pat. No. 6,856,597 B1**

In column 10, line 37: the reference numerals “124-126” should read --124-146--.

In column 12, line 41: the text “transceiver port cards 66” should read --transceiver port card 66--.

In column 12, line 49: the text “six symbol periods are shown” should read --six symbol periods 148-158 (and 172-182 of FIG. 6) are shown--.

In column 12, line 56: the text “period (162, 166, 170). A customer” should read --period (162, 166, 170) while symbol periods 160, 164, and 168 are active. A customer--.

In column 14, lines 24 and 32: the reference numeral “69” should read --96--.

In column 15, lines 63-64: the text “The process starts at block 212” should read --The process starts at block 202--.

In column 15, line 66: the text “shown in block 202” should read --shown in block 204--.

In column 19, lines 16 and 26: the text “transmitter 268” should read --transmitter 258--.